

CLAIMS

1. A compound comprising
 - (a) at least one neutral, positive, or negative increased binding energy hydrogen species having a binding energy
 - (i) greater than the binding energy of the corresponding ordinary hydrogen species, or
 - (ii) greater than the binding energy of any hydrogen species for which the corresponding ordinary hydrogen species is unstable or is not observed because the ordinary hydrogen species' binding energy is less than thermal energies or is negative; and
 - (b) at least one other element.

Adoc 17